

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

APPLE INC., GOOGLE INC., and MOTOROLA MOBILITY LLC,
Petitioner,

v.

ARENDI S.A.R.L.,
Patent Owner.

Case IPR2014-00208
Patent 7,917,843 B2

Before HOWARD B. BLANKENSHIP, SALLY C. MEDLEY, and
TREVOR M. JEFFERSON, *Administrative Patent Judges*.

BLANKENSHIP, *Administrative Patent Judge*.

FINAL WRITTEN DECISION
35 U.S.C. § 318(a) and 37 C.F.R. § 42.73

I. BACKGROUND

Apple Inc., Google Inc., and Motorola Mobility LLC (collectively “Petitioner”) filed a request for *inter partes* review of claims 1–44 of U.S. Patent No. 7,917,843 B2 (“the ’843 patent”) (Ex. 1001) under 35 U.S.C. §§ 311–319. *See* Paper 1 (“Petition” or “Pet.”). On June 11, 2014, the

Board instituted an *inter partes* review of claims 1, 2, 8, 14–17, 20, 21, 23, 24, 30, 36–39, 42, and 43 on an asserted ground of unpatentability for obviousness. Paper 8 (“Dec. on Inst.”).

Subsequent to institution, Patent Owner Arendi S.A.R.L. filed a patent owner response (*see* Paper 17, “PO Resp.”). Petitioner filed a reply to the Patent Owner Response (*see* Paper 21, “Pet. Reply”). Patent Owner filed a motion to exclude evidence (Paper 24), Petitioner opposed (Paper 27), and Patent Owner replied (Paper 28).

Oral hearing was held on February 4, 2015.¹

The Board has jurisdiction under 35 U.S.C. § 6(c). This final written decision is issued pursuant to 35 U.S.C. § 318(a) and 37 C.F.R. § 42.73.

For the reasons that follow, we determine that Petitioner has shown by a preponderance of the evidence that claims 1, 2, 8, 14–17, 20, 21, 23, 24, 30, 36–39, 42, and 43 of the ’843 patent are unpatentable.

The Challenged Patent

The ’843 patent relates to a computer program that receives information typed by a user into a document (as in a word processor) and searches an external source, such as a database, to determine if the typed information exists in the database. The computer program may add a user-selectable button to the word processor that causes execution of another program to receive the typed information and to search the database. Ex. 1001, col. 3, ll. 35–54. Consequently, the user does not have to learn how to use and have access to the database. *Id.* at col. 1, ll. 43–49.

Figure 3 of the ’843 patent is reproduced below.

¹ The record includes a transcript of the oral hearing. Paper 32.

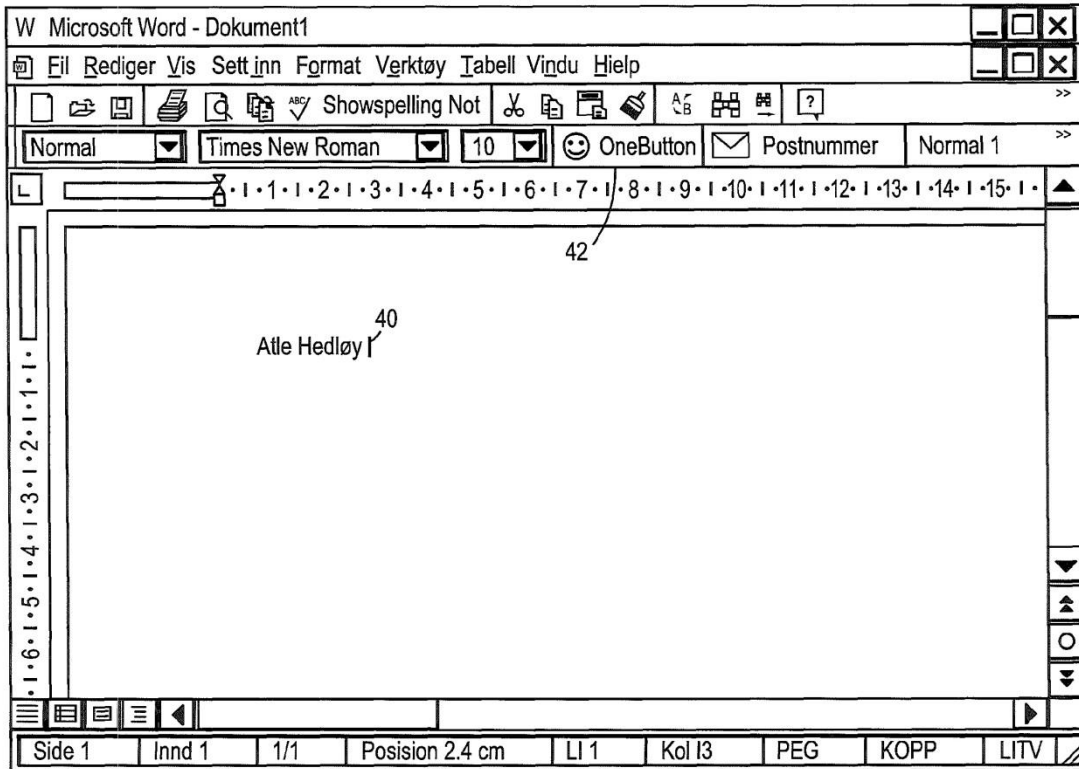


FIG. 3

Figure 3 is said to be a screen shot that illustrates the inputting of a name to be searched and an address handling button within a word processor. *Id.* at col. 2, ll. 51–54. The user has typed the name of an existing contact 40. The user selects button 42, marked “OneButton.” In response, the program of the invention retrieves existing contact 40 from the document and searches a database for the name of the existing contact. *Id.* at col. 7, ll. 30–37.

Figure 4 of the '843 patent is reproduced below.

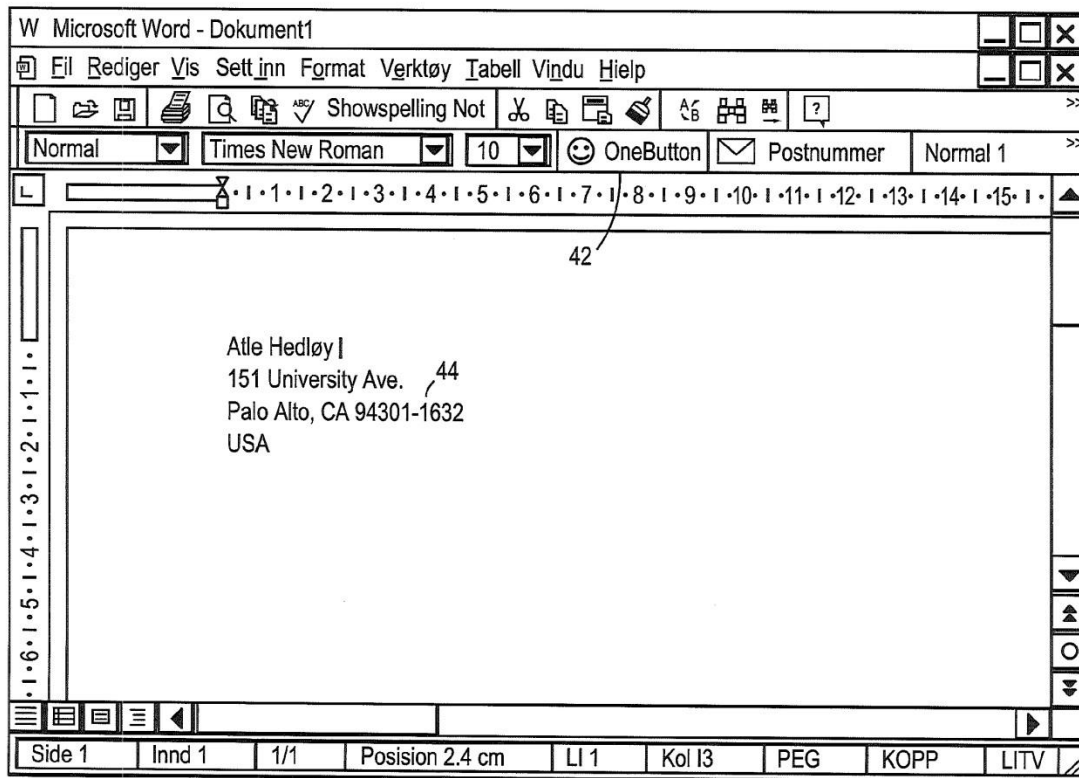


FIG. 4

Figure 4 is said to be a screen shot illustrating a retrieved address in a word processor. *Id.* at col. 2, ll. 55–57. The user has typed a name and new address of existing contact 44. The user selects “OneButton” 42 and the program of the invention retrieves existing contact 44 from the document and searches a database for the name of the existing contact. *Id.* at col. 8, ll. 13–19.

Illustrative Claim

1. A computer-implemented method for finding data related to the contents of a document using a first computer program running on a computer, the method comprising:

displaying the document electronically using the first computer program;

while the document is being displayed, analyzing, in a computer process, first information from the document to determine if the first information is at least one of a plurality of types of information that can be searched for in order to find second information related to the first information;

retrieving the first information;

providing an input device, configured by the first computer program, that allows a user to enter a user command to initiate an operation, the operation comprising (i) performing a search using at least part of the first information as a search term in order to find the second information, of a specific type or types, associated with the search term in an information source external to the document, wherein the specific type or types of second information is dependent at least in part on the type or types of the first information, and (ii) performing an action using at least part of the second information;

in consequence of receipt by the first computer program of the user command from the input device, causing a search for the search term in the information source, using a second computer program, in order to find second information related to the search term; and

if searching finds any second information related to the search term, performing the action using at least part of the second information, wherein the action is of a type depending at least in part on the type or types of the first information.

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